

DEVAL L. PATRICK GOVERNOR TIMOTHY P. MURRAY LIEUTENANT GOVERNOR

JUDYANN BIGBY, MD SECRETARY

JOHN AUERBACH

# The Commonwealth of Massachusetts Executive Office of Health and Human Services Department of Public Health

William A. Hinton State Laboratory Institute 305 South Street, Jamaica Plain, MA 02130

12/13/2010

Brendan Bowes Assistant District Attorney, Norfolk County

Dear ADA Bowes,

Enclosed is the information you requested in regards to Commonwealth vs. are copies of the following:

Included

- 1. Drug Analysis Laboratory Receipt.
- 2. Curriculum Vitae for Annie Khan (Dookhan), & Kate Corbett.
- 3. Control Cards with analytical results for samples #
- 4. Analysis sheets with chemist's hand notations and test results.
- 5. GC/Mass Spectral analytical data for samples #

I, Annie Khan (Dookhan), was the custodial chemist and performed the preliminary testing and net weight for this sample. Kate Corbett was the confirmatory chemist and analyzed the GC/MS data for this sample.

If you have any questions about these materials, please call me at the number below.

Sincerely,

Annie Khan (Dookhan)

Chemist II

Drug Analysis Lab

Jamaica Plain, MA. 02130

(617) 983-6631

Annie.Khan@state.ma.us

#### PLEASE PRINT CLEARLY OR TYPE ALL INFORMATION

The Commonwealth of Massachusetts
Executive Office of Health and Human Services
Department of Public Health

**Boston Drug Laboratory** Tel (617) 983-6622 Fax (617) 983-6625

State Laboratory Institute

Amherst Drug Laboratory Tel (413) 545-2601 Fax (413) 545-2608

**Boston Hours** 

8:00 - 11:00

DRUG RECEIPT

**Amherst Hours** 9:00-12:00

1.00 2.00

2:00 - 4:00		1:00 - 3:00
City or Department: Our P	Police Reference No.:	DEN .
Defendant(s) Name (last, first, initial):		
To be completed by Submitter  Description of Items Submitted	To be completed Gross Weight	by Lab Personnel Lab Number
4 ROUND WHITE TABLETS	3,55g	
	·   	
Received by:	Date:	4-5-10

## PLEASE PRINT CLEARLY OR TYPE ALL INFORMATION

The Commonwealth of Massachusetts
Executive Office of Health and Human Services
Department of Public Health

**Boston Drug Laboratory** Tel (617) 983-6622 Fax (617) 983-6625

State Laboratory Institute

Amherst Drug Laboratory Tel (413) 545-2601 Fax (413) 545-2608

**Boston Hours** 

8:00 - 11:00

DRUG RECEIPT

Amherst Hours

9:00-12:00

2:00-4:00		1:00 - 3:00
City or Department:	Police Reference No.:	0574
Defendant( ) N		
To be completed by Submitter  Description of Items Submitted	To be completed b Gross Weight	y Lab Personnel Lab Number
S ROUND WHITE TABLETS  STRAW W RESIDUE  POUND WHITE TABLET.	2,99g 1,59g 1,44g	
Received by:	Date:	13/10

### PLEASE PRINT CLEARLY OR TYPE ALL INFORMATION

# The Commonwealth of Massachusetts Executive Office of Health and Human Services

Boston Drug Laboratory Tel (617) 983-6622 Fax (617) 983-6625

Department of Public Health State Laboratory Institute

Amherst Drug Laboratory Tel (413) 545-2601 Fax (413) 545-2608

**Boston Hours** 

8:00 - 11:00

DRUG RECEIPT

Amherst Hours

9:00 - 12:00

2:00-4:00	, -	1:00 - 3:00
City or Department: OUNCY Name and Rank of Submitting Officer: DET.	Police Reference No.: _	
Defendant(s) Name (last first initial).		<b>-</b>
To be completed by Submitter Description of Items Submitted	To be completed by Gross Weight	Lab Personnel Lab Number
PB OF MARIJUANIA	5,0/g	
TEST FOR PC		
eceived by:	Date: <u>6/3</u>	:/10

#### Curriculum Vitae

#### Annie Khan (Dookhan)

#### Education:

University of Massachusetts, Boston, Ma, Master of Science in Chemistry. University of Massachusetts, Boston, Ma, Bachelor of Science in Biochemistry.

#### Experience:

2003 - present

Chemist I, II, Massachusetts Department of Public Health, Drug Analysis Laboratory

- \*Completed six-week training course conducted by senior staff within the Department of Public Health, Drug Analysis Laboratory.
- \*Appointed Assistant Analyst by Assistant Commissioner of Public Health, January 2004.
- \*Responsible for the identification of drugs to determine violations of harmful and narcotic drug laws.
- \*Trained in the use of complex analytical instrumentation, microscopes and balances for the purpose of drug analysis.
- \*Maintenance and repairs of all analytical instruments.
- \*Responsible for the Quality Control of all analytical instruments, reagents and controls/standards.
- \* Responsible for the Quality Control/Quality Assurance program for the drug lab.
- \*Notary Public.
- \*Qualified as an expert witness in Massachusetts Courts and U.S. District Court

2001 - 2003

QC Analyst I, II, UMMS-Massachusetts Biologic Laboratory, QC Material Control

- \*Completed proficiency training conducted by a member of the staff within the MLB Quality Control and Quality Assurance Department.
- \*Method Development for creating new techniques and enhancing vaccines for the QC Dept. and FDA.
- \*Writing, revising and reviewing Standard Operating Procedures (SOPs).
- \*Routine QC testing of products for the FDA.
- \*Trained in the use of complex analytical instrumentation, and balances for the purpose of QC analysis for product and validation projects.
- \*Calibration, preventive maintenance, QC and QA of analytical instrumentation.
- \*Complete testing of chemicals for Vendor Validation Project for the FDA.
- \*Compendial testing and interpretation of the USP, ACS, FCC, AOAC, Merck Index, PDR, etc.

#### Additional Training:

Dept. of Justice - Forensics Professionals.

GLP/GMP course with Massachusetts Biologic Laboratory.

QC/QA training according to FDA Codes and Regulations.

GC and GC/MS courses with Agilent Technologies and Restek.

HPLC course with Waters Cooperation.

FTIR course with Spectros.

TOC training with MBL and Sievers.

#### Association:

American Chemical Society (ACS)

Northeastern Association of Forensics Science (NEAFS)

## Curriculum Vitae

Kate A. Corbett

#### Education

Bachelor of Science Degree, CHEMISTRY May 2003 MERRIMACK COLLEGE

Coursework included: Organic Chemistry, Inorganic Chemistry, Quantitative Analysis, Instrumental Analysis, Physical Chemistry, Physics, Calculus

#### **Employment**

Chemist II State Laboratory Institute (March 2008-Present)

Massachusetts Department of Public Health

**Drug Analysis Laboratory** 

- Responsible for the identification of substance and trafficking substances to determine violation of the Massachusetts drug laws
- Responsible for the identification of pharmaceuticals to determine violation of the Massachusetts drug laws
- Operate analytical instrumentation, microscopes and balances for forensic drug analysis

Chemist I State Laboratory Institute (2005-March 2008)

Statistical Marchanis Statisticas Chapter

Massachusetts Department of Public Health

**Drug Analysis Laboratory** 

- Responsible for the identification of substance to determine violation of the Massachusetts drug laws
- > Operate analytical instrumentation for the purpose of performing forensic drug analysis
- Successfully-completed an eight week training course in the analysis of drugs conducted by senior staff of the Department of Public Health, Drug Analysis Laboratory
- Appointed an assistant analyst for the Department of Public Health, Drug Analysis Laboratory in 2005.

Colombia of the American Co

Research Associate (September 2003 - August 2005)

SENSOR TECHNOLOGIES, INC - Shrewsbury, MA

- Prepared chemistries used in making sensor beads
- > Generated and examined sensors employing fluorescence spectroscopy
- Performed protein, dye and sugar assays using UV/VIS spectrophotometry
- Carried out titrations on ricin using fluorescence correlation spectroscopy
- Statistical analysis of experimental data

Intern (March 2003 – August 2003)

MASSACHUSETTS STATE POLICE CRIME LABORATORY - Sudbury, MA

Assisted in the gathering of case files to fulfill the National Institute of Justice's No Suspect Backlog Reduction Grant

State Child of Later Market

Observed in the Evidence, Criminalistics, DNA, Drug, Trace, Toxicology, and Bomb/Arson Units No.

City: Quincy Police Dept.

Officer: Detective BRIAN COEN

Def:

Amount:

4.0

No. Cont:

1 Cont. pb

Date Rec'd: 06/03/2010

Gross Wt.:

3.55

Date Analyzed

Subst: TAB

No. Analyzed:

Net Weight: 2 - 12

# Tests:

Prelim: Oycodore

Findings:

No. Date Analyzed: City: Quincy Police Dept. Officer: Detective BRIAN COEN Def: Amount: 3.0 Subst: TAB No. Cont: Cont: pb Date Rec'd: 06/03/2010 No. Analyzed: Gross Wt.: 2.99 Net Weight: 1.59 Findings: Date Analyzed No. City: Quincy Police Dept. Officer: Detective BRIAN COEN Def: Amount: Subst: RES No. Cont: Cont: straw -Date Rec'd: 06/03/2010 No. Analyzed: Gross Wt.: 1.59 Net Weight: # Tests: 35 Findings: No. Date Analyzed: 09-08-10 City: Quincy Police Dept. Officer: Detective BRIAN COEN Def: Amount: 1.0 Subst: TAB No. Cont: 1 Cont: pb

Date Rec'd: 06/03/2010

Gross Wt.:

1.44

No. Analyzed:

Net Weight:

#Tests: 1746 PSS

Prelim: &

Findings: Metuclopranicle

No.

Date Analyzed: 09-02-10

Subst: VM

City: Quincy Police Dept.
Officer: Detective BRIAN COEN

Def: Amount:

No. Cont:

Date Rec'd: 06/03/2010

Gross Wt.: 5

Cont: pb

5.21

No. Analyzed:

Net Weight:

#Tests: 3 ASO

MUDB Magros

Dug-10

Prelim:

Findings:

maryuna

## DRUG POWDER ANALYSIS FORM

SAMPLE # AGENCY C	Quincy ANALYST ADD
No. of samples tested:	Evidence Wt.
PHYSICAL DESCRIPTION:	Gross Wt():
4 White rand tax	Gross Wt ( ):
77.69	Pkg. Wt:
	Net Wt: <u> </u>
(215)	
PRELIMINARY TESTS Spot Tests	Microcrystalline Tests
Cobalt Thiocyanate ()	Gold Chloride
Marquis	TLTA ( )
Froehde's	OTHER TESTS
Mecke's	Myonococ A+ @
PRELIMINARY TEST RESULTS	GC/MS CONFIRMATORY TEST
RESULTS OGCOCLOR	RESULTS Grande
DATE 9-9-10	MS OPERATOR KAC
	DATE 9-13-1)

#### POISINDEX® Product List

#### Acetaminophen And Oxycodone

Also known as

Oxycodone And Acetaminophen

Regulatory-Status:

Schedule II

Ingredients

Active-Ingredients:

Acetaminophen - 325 MG

Oxycodone Hydrochloride - 5 MG

Excipients:

microcrystalline cellulose pregelatinized starch

Silicon Dioxide Stearic Acid Crospovidone Povidone

**Availability & Manufacturing** 

Availability:

**United States** 

Available-Container-Sizes:

Bottle of 100; Bottle of 500

Contact:

Covidien Mallinckrodt

Product ID:

5726249

AAPCC Code:

072702 - Acetaminophen with Oxycodone

Registry Numbers:

NDC 00406-0512-01

NDC 00406-0512-05

**Physical Description** 

Imprint:

Form:

Tablet

512

Color:

white

Shape:

Circle; scored

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## DRUG POWDER ANALYSIS FORM

SAMPLE# AGENCY	
No. of samples tested:	Evidence Wt.
PHYSICAL DESCRIPTION:	Gross Wt( ):
3 whire nead testut	Gross Wt ( ):
17.67	Pkg. Wt:
•	Net Wt: 1.5900
512 .	
PRELIMINARY TESTS Spot Tests	Microcrystalline Tests
Cobalt Thiocyanate ( )	Gold Chloride
Marquis	TLTA ( )
Froehde's	OTHER TESTS
Mecke's	Muomeck A+LB
PRELIMINARY TEST RESULTS	GC/MS CONFIRMATORY TEST
RESULTS Oxycodoro	RESULTS Orgeodese
DATE 09-08-10	MS OPERATOR LCAC
	DATE 9-13-1-

#### **POISINDEX®** Product List

#### Acetaminophen And Oxycodone

Also known as

Oxycodone And Acetaminophen

Regulatory-Status:

Schedule II

Ingredients

Active-Ingredients:

Acetaminophen - 325 MG

Oxycodone Hydrochloride - 5 MG

Excipients:

microcrystalline cellulose pregelatinized starch Silicon Dioxide

Stearic Acid Crospovidone Povidone

**Availability & Manufacturing** 

Availability:

**United States** 

Available-Container-Sizes:

Bottle of 100; Bottle of 500

Contact:

Covidien Mallinckrodt

Product ID:

5726249

AAPCC Code:

072702 - Acetaminophen with Oxycodone

Registry Numbers:

NDC 00406-0512-01

NDC 00406-0512-05

**Physical Description** 

Imprint:

512

Form:

Tablet

Color:

white

Shape:

Circle; scored

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Folk\_OIG\_PRR\_038210

## DRUG POWDER ANALYSIS FORM

SAMPLE # AGENCY	Quency ANALYST AS9
No. of samples tested:	Evidence Wt.
PHYSICAL DESCRIPTION:	Gross Wt( ):
Residue in 18 mais	Gross Wt ( ):
·	Pkg. Wt:
rinsel	Net Wt:
	•
·	
	•
PRELIMINARY TESTS Spot Tests	Microcrystalline Tests
Cobalt	Gold
Thiocyanate ( – ) –	Chloride
Marquis	TLTA ( )
Mecke's open	OTHER TESTS
- <u>- Mara 1</u>	6 C +
PRELIMINARY TEST RESULTS	GC/MS CONFIRMATORY TEST
RESULTS Dyrodores	RESULTS on work
DATE 09-08-10	MS OPERATOR KAC
	DATE 9-13-10

C:\CHEM32\1\DATA\SIG1000002.D e Name: COKE/CODEINE STD

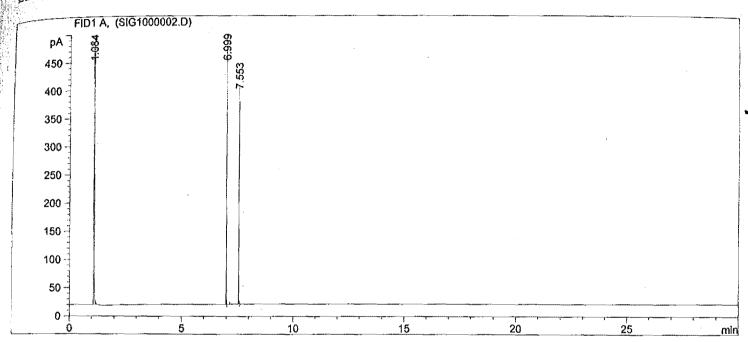
Acq. Operator Seq. Line: 2

Acq. Instrument : DrugLab GC #2 Location : Vial 2

Acu: injection Date : 9/8/2010 11:09:49 AM Inj: 1 Inj Volume : 1 μ1

sequence File : C:\CHEM32\1\SEQUENCE\DEFAULT.S : C:\CHEM32\1\METHODS\SCREEN.M Method

Last changed : 7/27/2010 2:36:10 PM



#### Area Percent Report

Sorted By Retention Time Multiplier: 1.0000 : Dilution: 1.0000

Sample Amount: 1.00000 [ng/ul] (not used in calc.)

Do not use Multiplier & Dilution Factor with ISTDs

#### Signal 1: FID1 A,

#	RetTime [min]	_				Area %
1	1.084	1	BB S	5.63793e4	6.10403e4	98.87509
2	6.999	1	BB	336.46375	442.22238	0.59007
3	7.553	1	BB	304.96631	374.59140	0.53483

Totals : 5.70207e4 6.18571e4

\*\*\* End of Report \*\*\*

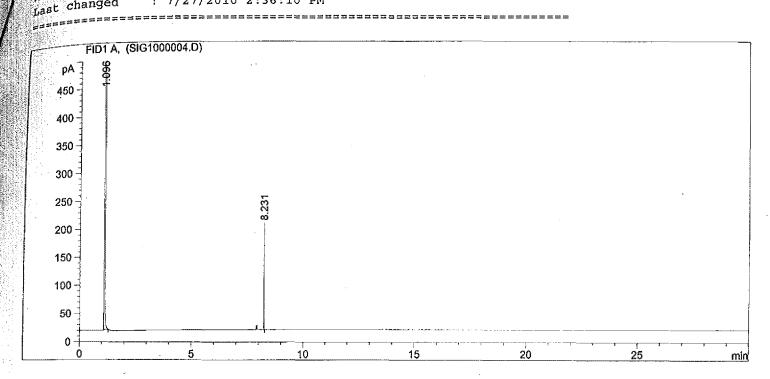
G:\CHEM32\1\DATA\SIG1000004.D Name: HEROIN STD

operator Seq. Line: 4 Acq. Instrument : DrugLab GC #2
Acq. Lon Date : 9/8/2010 12:1: Location: Vial 4

Acq: Date : 9/8/2010 12:19:35 PM Inj : 1 Inj Volume : 1  $\mu$ l

: C:\CHEM32\1\SEQUENCE\DEFAULT.S : C:\CHEM32\1\METHODS\SCREEN.M Method

Last changed : 7/27/2010 2:36:10 PM



# Area Percent Report

Sorted By Retention Time Multiplier: 1.0000 : Dilution: 1.0000

Sample Amount: 1.00000 [ng/ul] (not used in calc.)

Do not use Multiplier & Dilution Factor with ISTDs

Signal 1: FID1 A,

Peak	RetTime	Sig	Туре	Area	Height	Area
#	[min]			[pA*s]	[pA]	8
1	1.096	1	BB S	8.11262e4	8.69184e4	99.78576
2	8.231	1	BB	174.18149	187.62946	0.21424

Totals : 8.13004e4 8.71060e4

\*\*\* End of Report \*\*\*

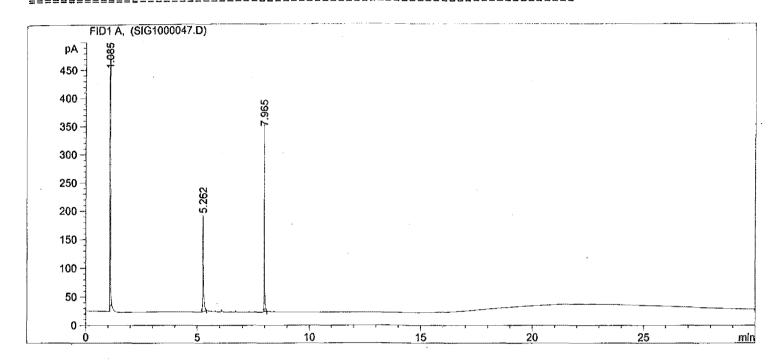
Data File C:\CHEM32\1\DATA\SIG1000047.D
Sample Name:

Acq. Operator : Seq. Mine : 47
Acq. Instrument : DrugLab GC #2 Location : Vial 47
Injection Date : 9/9/2010 1:18:25 PM Inj : 1

injection bate : 3/3/2010 1/13/23 1:1 Inj Volume : 1  $\mu$ l

Sequence File : C:\CHEM32\1\SEQUENCE\DEFAULT.S
Method : C:\CHEM32\1\METHODS\SCREEN.M

Last changed : 7/27/2010 2:36:10 PM



#### Area Percent Report

Sorted By : Retention Time Multiplier: : 1.0000 Dilution: : 1.0000

Sample Amount: : 1.00000 [ng/ul] (not used in calc.)

Do not use Multiplier & Dilution Factor with ISTDs

Signal 1: FID1 A,

#		_	• •		[pA*s]		
1	1.085	1	BB	s	6.07859e4	6.31636e4	98.51450
2	5.262	1	BB		491.01520	166.71342	0.79578
3	7.965	1	BB		425.57373	321.65933	0.68972

Totals: 6.17025e4 6.36520e4

\*\*\* End of Report \*\*\*

## DRUG POWDER ANALYSIS FORM

SAMPLE# AGENCY	Dues of ANALYST AS
No. of samples tested:	Evidence Wt.
PHYSICAL DESCRIPTION:	Gross Wt( ):
I while rond towlet	Gross Wt ( ):
طم ، ٦٠	Pkg. Wt:
	Net Wt: 0.1643
9110cg 430	
PRELIMINARY TESTS Spot Tests	Microcrystalline Tests
Cobalt Thiocyanate ()	Gold Chloride
Marquis	TLTA ( )
Froehde's	OTHER TESTS
Mecke's	Musmeasc Ata
PRELIMINARY TEST RESULTS	GC/MS CONFIRMATORY TEST
RESULTS metoclopismice	RESULTS
DATE 09-08-10	MS OPERATOR
	DATE

#### POISINDEX® Product List

#### Metoclopramide Hydrochloride

Also known as

Metoclopramide HCI

Regulatory-Status:

RX

Ingredients

Active-Ingredient:

Metoclopramide Hydrochloride - 10 MG

Excipients:

Starch, Pregelatinized Sodium Starch Glycolate Lactose (Anhydrous) Magnesium Stearate

Povidone

**Availability & Manufacturing** 

Availability:

**United States** 

Available-Container-Sizes:

Bottle of 1000; Bottle of 500; Bottle of 100

Contact:

Watson Laboratories

Manufacturer Product

UPC 05912-22901

Codes:

UPC 05912-22910

UPC 05912-22905

Product ID:

3716466

AAPCC Code:

077831 - Other Types of Gastrointestinal Preparation

Registry Numbers:

NDC 50111-430-03 NDC 0591-2229-01 NDC 0591-2229-10 NDC 50111-430-02 NDC 50111-430-01 NDC 0591-2229-05

**Notes** 

Notes:

The new imprint code for this product is pliva 430. This product may have alternate or old

imprints.

**Physical Description** 

Imprint:

PLIVA 430

Alt Imprint:

SI; 430

Form:

**Oral Tablet** 

Color:

White

Shape:

Circle

Size:

5/16"

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#### Area Percent / Library Search Report

12/1/0 12/1/0

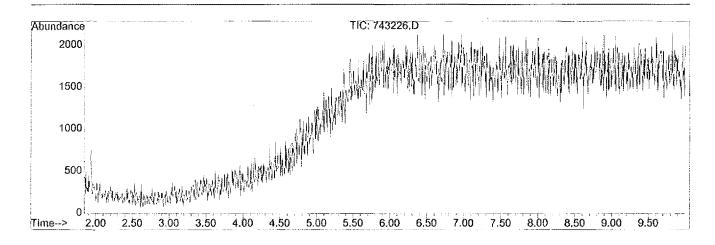
Information from Data File:

File Name : D:\SYSTEM4\09 10 10\743226.D

Operator : ASD

Date Acquired: 11 Sep 2010 3:51

Sample Name : BLANK Submitted by : ASD Vial Number : 1 AcquisitionMeth: DRUGS Integrator : RTE



Ret. Time Area Area % Ratio %

\*\*\*NO INTEGRATED PEAKS\*\*\*

File Name

: D:\SYSTEM4\09\_10\_10\743227.D

Operator

: ASD

Date Acquired : 11 Sep 2010

4:05

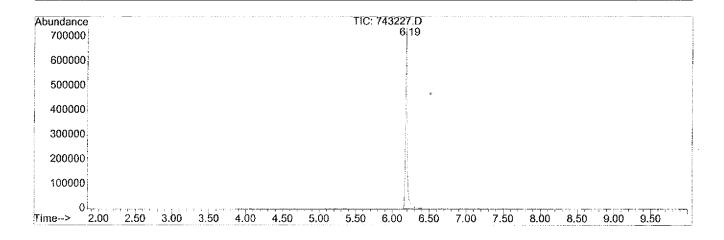
Sample Name

: OXYCODONE STD

Submitted by : ASD Vial Number : 27 AcquisitionMeth: DRUGS

Integrator

: RTE



Ret. Time	Area	Area %	Ratio %
6.188	1153645	100.00	100.00

File Name : D:\SYSTEM4\09 10 10\743227.D

Operator : ASD

Date Acquired : 11 Sep 2010 4:05

Sample Name : OXYCODONE STD

Submitted by : ASD Vial Number : 27 AcquisitionMeth: DRUGS Integrator : RTE

1

Search Libraries: C:\DATABASE\SLI.L

Minimum Quality: 95

C:\DATABASE\PMW\_TOX2.L

Minimum Quality: 90

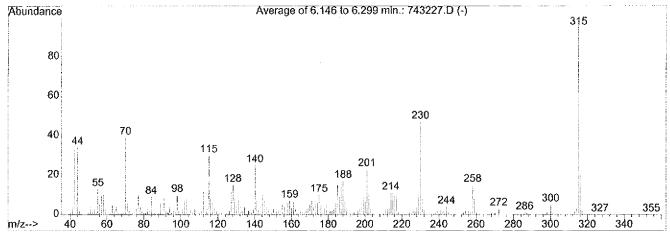
 $C: \Delta TABASE NIST98.L$ 

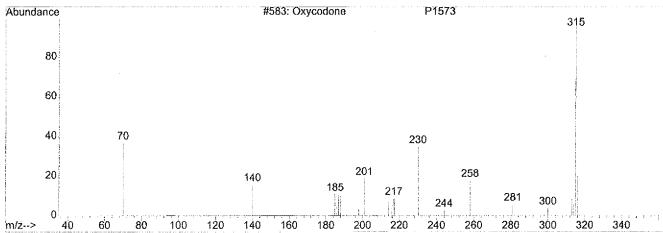
PK# RT Library/ID CAS# Qual

6.19 C:\DATABASE\PMW\_TOX2.L Oxycodone

000076-42-6

94





743227.D

Tue Dec 07 11:29:35 2010

Page 2

#### Area Percent / Library Search Report

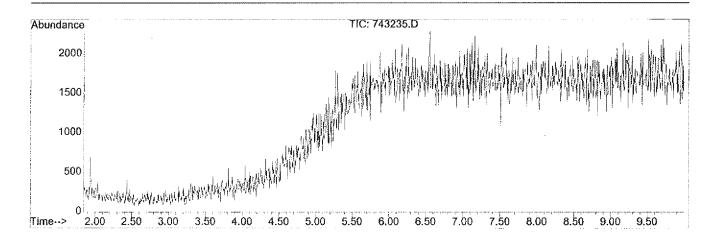
Information from Data File:

File Name : D:\SYSTEM4\09\_10\_10\743235.D

Operator : ASD

Date Acquired : 11 Sep 2010 5:55

Sample Name : BLANK Submitted by : ASD Vial Number : 1 AcquisitionMeth: DRUGS Integrator : RTE



Ret. Time Area Area % Ratio %

\*\*\*NO INTEGRATED PEAKS\*\*\*

743235.D

Tue Dec 07 11:29:42 2010

Page 1

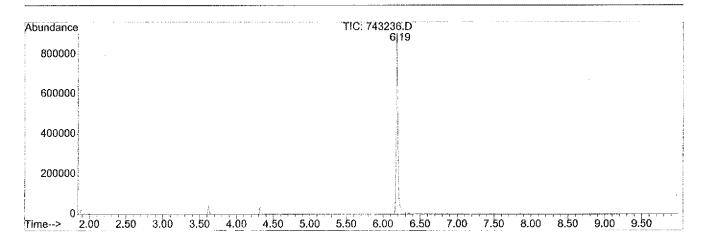
File Name : D:\SYSTEM4\09\_10\_10\743236.D

Operator : ASD

Date Acquired : 11 Sep 2010 6:08

Sample Name :

Submitted by : ASD
Vial Number : 36
AcquisitionMeth: DRUGS
Integrator : RTE



Ret. Time	Area	Area %	Ratio %
6.185	1438684	100.00	100.00

File Name : D:\SYSTEM4\09 10 10\743236.D

Operator : ASD

Date Acquired 11 Sep 2010 6:08

Sample Name

Submitted by ASD Vial Number 36 AcquisitionMeth: DRUGS Integrator : RTE

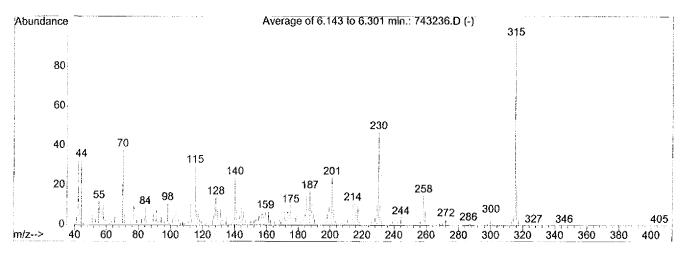
Search Libraries: C:\DATABASE\SLI.L

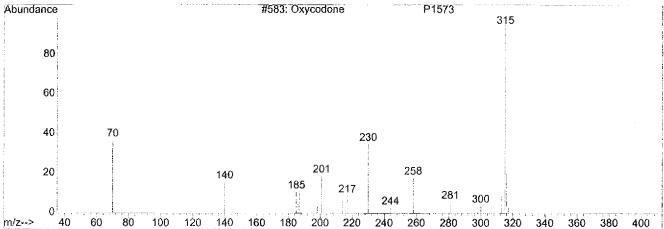
Minimum Quality: 95 Minimum Quality: 90

C:\DATABASE\PMW TOX2.L

C:\DATABASE\NIST98.L

PK# RTLibrary/ID CAS# Qual 6.19 C:\DATABASE\PMW TOX2.L Oxycodone 000076-42-6 95 Endogenous biomolecule AC 000000-00-0 9





743236.D

Tue Dec 07 11:29:46 2010

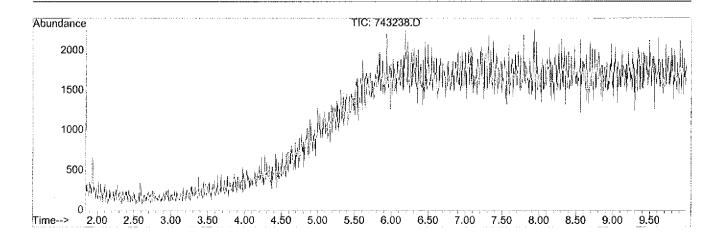
2 Page

File Name : D:\SYSTEM4\09\_10\_10\743238.D

Operator : ASD

Date Acquired : 11 Sep 2010 6:36

Sample Name : BLANK Submitted by : ASD Vial Number : 1 AcquisitionMeth: DRUGS Integrator : RTE



Ret. Time Area Area % Ratio %

\*\*\*NO INTEGRATED PEAKS\*\*\*

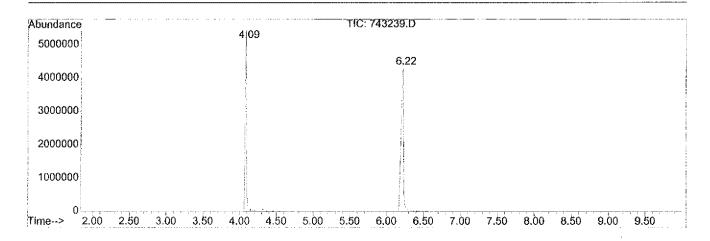
File Name : D:\SYSTEM4\09\_10\_10\743239.D

Operator : ASD

Date Acquired : <u>11 Sep 20</u>10 6:49

Sample Name :

Submitted by : ASD
Vial Number : 39
AcquisitionMeth: DRUGS
Integrator : RTE



Ret. Time	Area	Area %	Ratio %
4.085 6.222		42.08 57.92	

File Name : D:\SYSTEM4\09 10 10\743239.D

Operator : ASD

Date Acquired : 11 Sep 2010 6:49

Sample Name :

Submitted by : ASD
Vial Number : 39
AcquisitionMeth: DRUGS
Integrator : RTE

Search Libraries: C:\DATABASE\SLI.L

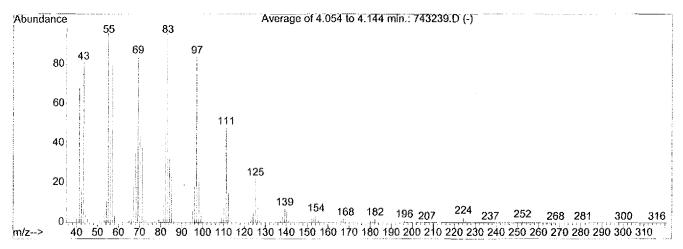
Minimum Quality: 95

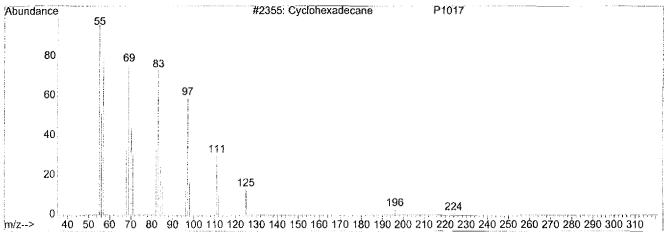
C:\DATABASE\PMW\_TOX2.L

Minimum Quality: 90

C:\DATABASE\NIST98.L

PK#	RT	Library/ID	CAS#	Qual
1	4.09	C:\DATABASE\PMW_TOX2.L Cyclohexadecane Stearyl alcohol Cyclotetradecane	000295-65-8 000112-92-5 000295-17-0	96 91 70





743239.D

Tue Dec 07 11:30:46 2010

Page 2

File Name : D:\SYSTEM4\09 10 10\743239.D

Operator : ASD

Date Acquired : 11 Sep 2010 6:49

Sample Name

Submitted by : ASD Vial Number : 39 AcquisitionMeth: DRUGS Integrator : RTE

Search Libraries: C:\DATABASE\SLI.L

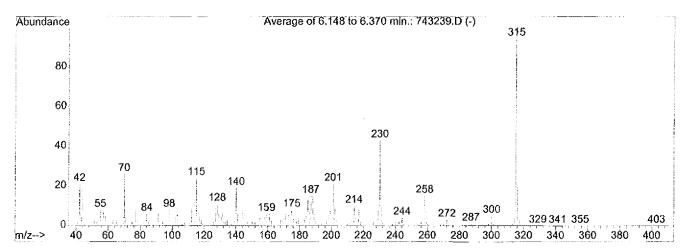
Minimum Quality: 95

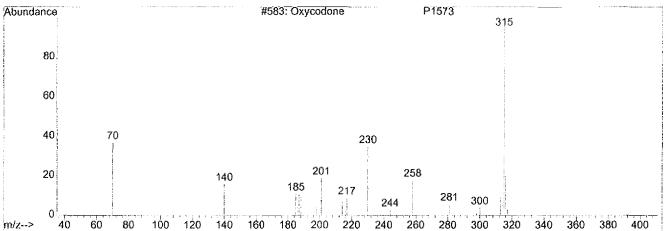
C:\DATABASE\PMW\_TOX2.L

Minimum Quality: 90

C:\DATABASE\NIST98.L

P	PK# RT Library/ID		CAS#	Qual	
	2	6.22	C:\DATABASE\PMW TOX2.L		
			Oxycodone —	000076-42-6	99
			Endogenous biomolecule AC	00000-00-0	2





743239.D

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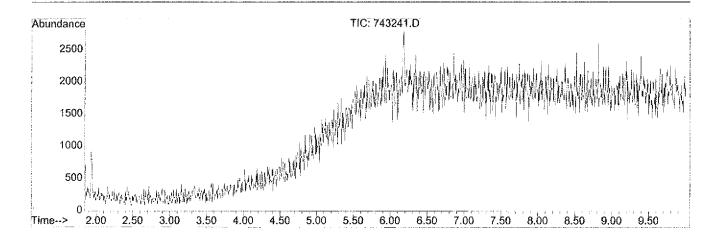
Page 3

File Name : D:\SYSTEM4\09\_10\_10\743241.D

Operator : ASD

Date Acquired : 11 Sep 2010 7:17

Sample Name : BLANK Submitted by : ASD Vial Number : 1 AcquisitionMeth: DRUGS Integrator : RTE



Ret. Time Area Area % Ratio %

<sup>\*\*\*</sup>NO INTEGRATED PEAKS\*\*\*

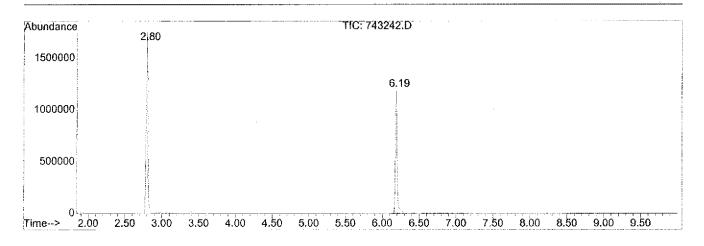
File Name : D:\SYSTEM4\09\_10\_10\743242.D

Operator : ASD

Date Acquired : 11 Sep 2010 7:31

Sample Name :

Submitted by : ASD
Vial Number : 42
AcquisitionMeth: DRUGS
Integrator : RTE



Ret. Time	Area	Area %	Ratio %
2.802	2801582	59.81	
6.187	1882475	40.19	

File Name : D:\SYSTEM4\09 10 10\743242.D

Operator : ASD

Date Acquired : 11 Sep 2010 7:31

Sample Name :

Submitted by : ASD
Vial Number : 42
AcquisitionMeth: DRUGS
Integrator : RTE

Search Libraries: C:\DATABASE\SLI.L

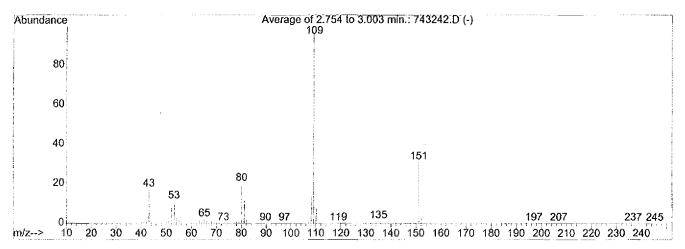
Minimum Quality: 95

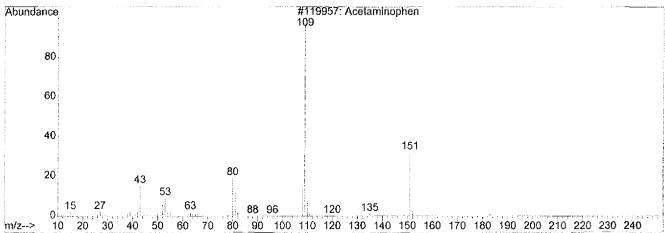
C:\DATABASE\PMW\_TOX2.L

Minimum Quality: 90

C:\DATABASE\NIST98.L

PK#	RT	Library/ID	CAS#	Qual
1	2.80	C:\DATABASE\NIST98.L Acetaminophen Acetaminophen Metacetamol	000103-90-2 000103-90-2 000621-42-1	95 91 90





743242.D

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Page 2

File Name : D:\SYSTEM4\09\_10\_10\743242.D

Operator : ASD

Date Acquired : 11 Sep 2010 7:31

Sample Name :

Submitted by : ASD
Vial Number : 42
AcquisitionMeth: DRUGS
Integrator : RTE

Search Libraries: C:\DATABASE\SLI.L

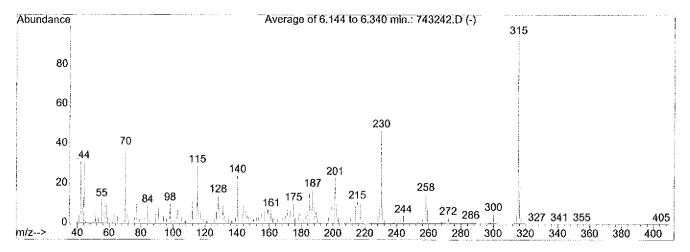
SE\SLI.L Minimum Quality: 95

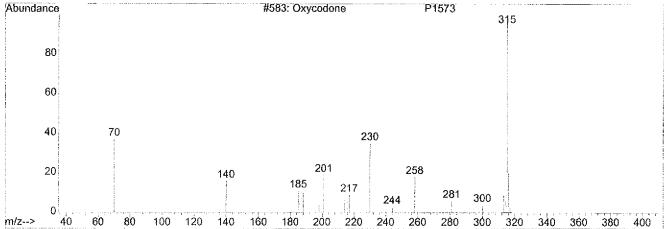
C:\DATABASE\PMW\_TOX2.L

Minimum Quality: 90

C:\DATABASE\NIST98.L

PK#	RT	Library/ID	CAS#	Qual
2	6.19	C:\DATABASE\PMW TOX2.L		
		Oxycodone	000076-42-6	95
		Endogenous biomolecule AC	000000-00-0	4





743242.D

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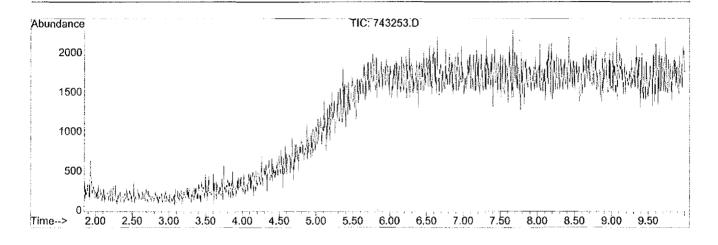
Page 3

File Name : D:\SYSTEM4\09\_10\_10\743253.D

Operator : ASD

Date Acquired : 11 Sep 2010 10:00

Sample Name : BLANK Submitted by : ASD Vial Number : 2 AcquisitionMeth: DRUGS Integrator : RTE



Ret. Time Area Area % Ratio %

<sup>\*\*\*</sup>NO INTEGRATED PEAKS\*\*\*

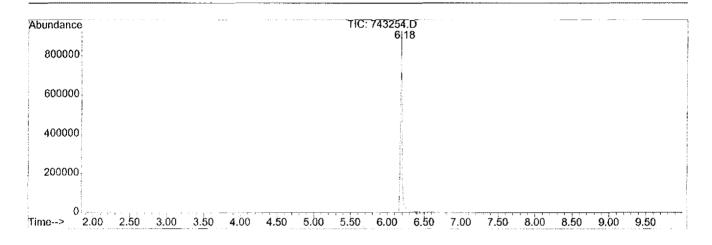
File Name : D:\SYSTEM4\09\_10\_10\743254.D

Operator : ASD

Date Acquired : 11 Sep 2010 10:14

Sample Name : OXYCODONE STD

Submitted by : ASD Vial Number : 27 AcquisitionMeth: DRUGS Integrator : RTE



Ret. Time	Area	Area %	Ratio %
6.185	1456498	100.00	100.00

File Name : D:\SYSTEM4\09 10 10\743254.D

Operator : ASD

Date Acquired : 11 Sep 2010 10:14

Sample Name : OXYCODONE STD

Submitted by : ASD Vial Number : 27 AcquisitionMeth: DRUGS Integrator : RTE

Search Libraries: C:\DATABASE\SLI.L

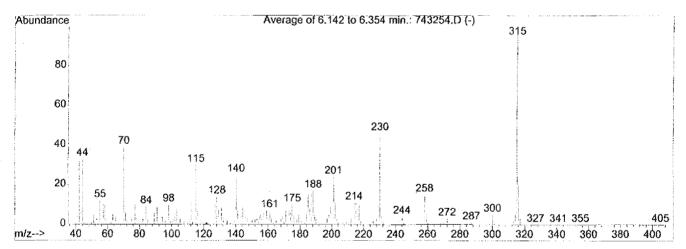
Minimum Quality: 95

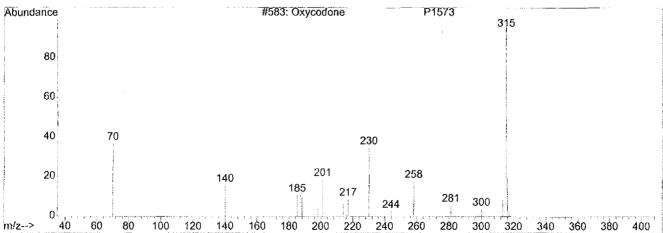
C:\DATABASE\PMW\_TOX2.L

Minimum Quality: 90

C:\DATABASE\NIST98.L

PK#	RT Library/ID		CAS#	Qual
1	6.18	C:\DATABASE\PMW_TOX2.L Oxycodone Endogenous biomolecule AC	000076-42-6	95





743254.D

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